

Title (en)

THREE-DIMENSIONAL CARBON FOAM-SUPPORTED ELECTRODE FOR METAL-AIR BATTERIES

Title (de)

DREIDIMENSIONALE KOHLENSTOFFSCHAUMSTOFFGETRÄGERTE ELEKTRODE FÜR METALL-LUFT-BATTERIEN

Title (fr)

ÉLECTRODE TRIDIMENSIONNELLE SUPPORTÉE PAR MOUSSE DE CARBONE POUR BATTERIES À MÉTAL-AIR

Publication

EP 2828923 B1 20180502 (EN)

Application

EP 12710223 A 20120319

Priority

EP 2012054824 W 20120319

Abstract (en)

[origin: WO2013139370A1] The present invention describes an electrode material based on carbon foam impregnated with particulate carbon, and a method for preparing the electrode material. The electrode material may be used as a cathode active material in a metal-air / metal-oxygen battery, such as a lithium-air, sodium-air, magnesium- air, zinc-air, tin-air or silicon-air battery.

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN113948798A; DE102021113741B3; WO2020164783A1

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